

Claims

Sub
a1
1. A raw material composition for soda-lime glass, comprising a mirabilite (Na_2SO_4)-containing glass raw material to which an additive containing an oxide, a chloride, a sulfate, or a nitrate of a metal is incorporated. *all nitrates are known oxidizers, has obvious research*

2. A raw material composition for soda-lime glass according to claim 1, wherein the metal is at least one species selected from the group consisting of tin (Sn), iron (Fe), cobalt (Co), manganese (Mn), lead (Pb), lithium (Li), potassium (K), and sodium (Na).

Sub
a2
3. A raw material composition for soda-lime glass according to claim 2, wherein the percentage by weight of the additive is 0.15% or less on the basis of the total weight of the glass raw material. *reads or zero, which is not intended since some add must be present*

4. A raw material composition for soda-lime glass, comprising a mirabilite (Na_2SO_4)-containing glass raw material to which an additive selected from the group consisting of sodium nitrate (NaNO_3), potassium nitrate (KNO_3), and lithium nitrate (LiNO_3) is incorporated, wherein about 50% of the amount of mirabilite (Na_2SO_4) contained in the glass raw material is replaced by the additive.

5. A raw material composition for soda-lime glass, comprising a glass raw material including mirabilite (Na_2SO_4) and, as a coloring component, at least one species selected from the group consisting of ferric oxide (Fe_2O_3), selenium (Se), cerium (Ce), and other metallic materials, wherein the glass raw material further include an additive containing an

oxide, a chloride, a sulfate, or a nitrate of a metal.

6. A raw material composition for soda-lime glass according to claim 5, wherein the metal is at least one species selected from the group consisting of tin (Sn), iron (Fe), cobalt (Co), manganese (Mn), lead (Pb), lithium (Li), potassium (K), and sodium (Na).

112 7. A raw material composition for soda-lime glass according to claim 6, wherein the percentage by weight of the additive is 0.15% or less on the basis of the total weight of the glass raw material.

8. A raw material composition for soda-lime glass, comprising a glass raw material including mirabilite (Na_2SO_4) and, as a coloring component, at least one species selected from the group consisting of ferric oxide (Fe_2O_3), selenium (Se), cerium (Ce), and other metallic materials, wherein the glass raw material further include an additive selected from the group consisting of sodium nitrate (NaNO_3), potassium nitrate (KNO_3), and lithium nitrate (LiNO_3) is incorporated, wherein about 50% of the amount of mirabilite (Na_2SO_4) contained in the glass raw material is replaced by the additive.

Add
A3

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B4